2nd and Part bill

Original/ duplicate / Triplicate

CONTRACT CERTIFICATE

(For other Works)

AEE/BTP/SD/48/2022-23

Date 98/02/2023

No. :

Division: Byatarayanapura Division. Sub Division: Byatarayanapura.

Bill Received No _____ Date _____ Cash Book Voucher No _____

Dated _____.

Indent No. 52485

P-Cod. P3877

Scheduled Docket No.

Name of Work :- (Package No. 2 Consists of Works) Improvements to Roads and Drains at Hegadenagara Western Side Balance Cross Roads in Ward no: 06 Bytarayanapura Sub Division.

Name of Contractor and Full Address: M/s Sri Venkateshwara Constructions, Prop . Sri Sambashiva

Reference to Agreement No.

WORK CODE: 007-23-000003

Work order No: BBMP/EE/BTP/WO/74/2022-23

Total:	48998000.00
Upto 1st Part	29399000.00
JTB 2nd Part	19599001.00

Est: 1000.00 Lakhs

SUS Est. Cost: 200.00Lakhs.

Date: 21/11/2022

Certified that the measurements were checked by me on 28.02.2023 and recorded on Page No 62781 to 82783 of measurement Book No 6279 and that the work is satisfactorily executed.

2022-23

For Sri Venkateshwara Constructions

Contractor

Officer - in -charge of work

Certified that the measurements were checked by me on 28/02/2023 and found correct. The work is satisfactorily executed.

Proprietor

Certified that the quantities of materials shown Pin column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

If memorandum of Payment — Sub - Division Office

11. Total value of work done of supplies made as per account within
12. Deduct amount to be held in reserve being _____ Percent Rs _____
13. Balance
14. Deduct Payments
    c) Amount of previous payment as in the Office Cash Book Voucher No _____ Dated _____ S.D No _____
    Amount adjusted towards cash advance recovery of
    d) Payments _____ cost of store or other materials supplied
    Now made recovery of amount Creditable to his / other work
    Amount paid on this bill by cheque /cash.
15. Balance being unpaid value of work done held in reserve
16. Deduct cash advance made on the Office Cash Book Voucher No _____ Date _____ less adjustments
17. Net amount due to or from contractor
    Unadjusted items
18. Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied

2nd & part

JTB	19599000	00
It	195990	00
Cast	174992	00
Sgst	174992	00
Cess	195990	00
CBP	19599	00
LR	200437	00
Deduction	962000	00
Net Payable	18637000	00

For Sri Venkateshwara Constructions

Proprietor

Contractor Signature

Received Rs _____ (In Words _____

P 3877.

Amruth Nagarathna.

19599000/-

962000/-

18637000/-

By cash and by adjustment of payment as per memorandum.

Witnesses:

19.

20.

Dated _____ Signature of Contractor

Stamp

(for use in the office)

Paid by me by cheque No _____ Dated _____

Cash Rs _____ Dated _____

Name of Agency: Sri Venkateshwara Construction , Prop. Sambashiva

Name of Work: Package No. 02- Improvements to Roads and Drains at Hegadenagara Western Side Balance Cross Roads in Ward no: 06 Bytarayanapura Sub Division.

Bill Type : 2nd & Part bill

Sl. No	Description of Work	Units	Sch B Qty.	Previous Measurement		Present Measurement			Total Up-to-date		Remarks
				Qty.	Cost	Qty.	Rate Rs. P.	Cost	Qty.	Cost	
1	Removing and resetting of footpath slab	Sqm	12900.50	4889.39	1206212.00	2279.84	246.70	562437.00	7169.23	1768649.00	
2	Removing and resetting of kerb stones	mtr	4577.57	-	-	2405.15	123.88	297949.00	2405.15	297949.40	
3	Dismantling of cement concrete pavement by mechanical meansusing pneumatic tools, breaking to pieces not exceeding 0.02 m3 in volume and stock piling at designated locations and disposal of dismantled materials and stacking serviceable and unserviceable materials separately (Page No.9 & Item No.2.19)PWD SR 2021-22 (Vol-III)	Cum	138.00	-	-	-	487.32	-	-	-	
4	Dismantling of Flexible pavements and disposal of dismantled materials and stacking serviceable and unserviceable materials separately(Page No.10 & Item No.2.18 II A)PWD SR 2021-22 (Vol-III)	Cum	45.58			-	232.11	-	-	-	
5	Dismantling of Flexible pavements and disposal of dismantled materials and stacking serviceable and unserviceable materials separately(Page No.9 & Item No.2.18 II B)PWD SR 2021-22 (Vol-III)	Cum	104.83	-	-	-	42.73	-	-	-	
6	Scarifying the existing bituminous road surface to a depth of 50 mm and disposal of scarified material by Mechanical Means using Hydraulic excavator with in all lifts and lead. Page No. 15/ Item No. 3.5/ PWD SR 2021-22 (Vol-III).	Sqm	5411.24	-	-	-	4.62	-	-	-	
7	Earth work excavation by manual means for drains,canals and similar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work. Page No. 7/ Item No. 1.4.1/ PWD SR 2021-22 (Vol-I)	Cum	5316.96	1767.26	620397	1075.46	351.05	377540.00	2842.72	997937.12	
8	Earth work excavation for Foundation by mechanical means for all works & depth upto 3 m, as per drawing and technical specifications,including setting out, shoring, strutting, barricading, caution lights,including dressing of excavated surfaces, disposing off or levelling theexcavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenaces required to complete the work In all kinds of soils Depth upto 3 m	Cum	6828.44	1539.12	115527	1530.47	75.06	114877.00	3069.59	230403.71	
9	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately (Page No.15 & Item No.2.1.2)PWD SR 2021-22 (Vol-III)	Cum	52.17	-	-	-	6413.65	-	-	-	
10	Providing and laying in position Reinforced cement concrete for all Foundation works. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers laid in finished layers, well compacted using needle vibrators, including all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) (Page 15/2.2.1.1) PWD SR 2021-22 (Vol-I)	Cum	98.75	-	-	-	7236.31	-	-	-	
11	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications.(V-III, I.No 13.1 Page No 99, PWD SR 2021-22)	T	6.24	-	-	-	106436.07				
12	Providing precast slab of 100 mm thick including cost of all materials, labour, curing,transportation,loading ,unloading,etc.,complete as per the direction of engineer in charge Data Rate	Sqm	2328.19	1059.30	2304179	592.95	2175.19	1289772.00	1652.25	3593951.15	
13	Providing and fixing RCC precast cover slab of 230mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)	Sqm	28.80			-	5287.84	-	-	-	
14	Providing and fixing pre cast solid cement concrete kerb stones made out of M20 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete as directed by the Engineer in Charge of the work (Approved Rate)	NO.s	2503.00	-	-	1749.00	532.25	930905.00	1749.00	930905.25	
15	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver finisher in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density. Page No. 24/ Item No. 4.27/ PWD SR 2021-22 (Vol-III).	Cum	5880.06	1415.99	3914572	1335.38	2764.54	3691711.00	2751.37	7606283.06	

SHRAMA Consulting Engineers Bangalore

Sl. No	Description of Work	Units	Sch B Qty.	Previous Measurement		Present Measurement			Total Up-to-date		Remarks
				Qty.	Cost	Qty.	Rate Rs. P.	Cost	Qty.	Cost	
16	Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means. (P.No.29 It.No.5.1, PWD SR 2021-22 (Vol-III))	Sqm	20813.56	6132 .50	297426	5930.73	48.50	287640.00	12063.23	585066.41 .00	
17	Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.20 kg/m2 on the prepared bituminous surface cleaned with mechanical broom (P.No.29 It.No.5.3, PWD SR 2021-22 (Vol-III))	Cum	64829.82	25089.32	347738	11094.29	13.86	153767.00	36183.61	501504.77 501505.00	
18	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects.(Grade-II) (Pg:33, It.No-5.12 C PWD SR:2021-22 (Vol-III))	Sqm	1151.55	307.82	3248638 3248588.	295.58	10553.53	3119412.00	603.40	6368050.13 6368000.00	
19	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using Crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 per cent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respec (Pg:36, It.No-5.16 C PWD SR:2021-22 (Vol-III))	Cum	2593.19	1003.57	12297146	444.59	12253.37	5447718.00 5447726.00	1448.16	17744864.81 17744872	
20	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 g/ m2 area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35:2015.The finished surface to be level, uniform and free from streaks and holes. Page No. 57/ Item No. 8.15 PWD SR 2021-22 (Vol-III).	Sqm	3578.74	666.28	367773	329.00	551.98	181601.00	995.28	549374.68	
21	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Page No. 15/ Item No. 2.1.1/ PWD SR 2021-22 (Vol-I).	Cum	275.10	-	-	5611.08	-	-	-	-	
22	Providing and constructing un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including construction joints, , primer, sealant , curing of concrete slabs for 14- days, and water finishing to lines and grade as per drawing and technical specification clause 1501 with all lead, lifts, loading & unloading charges, cost and conveyance of all materials, labour, equipments etc., complete. as per the directions of the Engineer-in-charge of the work. Page No. 138/ Item No. 20.29/ PWD SR 2021-22 (Vol-III).	Cum	275.10	-	-	7519.93	-	-	-	-	
23	Cost of Haulage Excluding Loading and Unloading Taking output 25 t load and lead 10 km = 250 t.km (Vol-III) Page No.3, Item No.1.4C of PWD SR 2021-22	t.km	15546.11	4232.17	195484	3335.59	46.19	154071.00	7567.76	349554.95 349555.00	
EIR L	Construction of Embankment by excavating the available approved Gravel/Murrum deposited at a place or borrow pits during or prior excavation with all lifts and lead, transportation to site, spreading, grading to required slope and compacting to meet the requirement complete as per specifications, including cost of labour, rolling, water, all materials, usage& all other appurtenaces required to complete the work. ((V-I, P.No-7, I No-1.8 of PWD SR 2021-22)	Cum	348.10	-	-	442.20	-	-	-	-	
		SUB - TOTAL - 1			24915091.25	16609415.00		1,66,09,400.00		4,15,24,494.41	
		GST 18%			44,84,716.00	2989694.70		29,89,692.00		74,74,409.00	
		GRAND TOTAL			2,93,99,807.25	19599109.00		1,95,99,092.00		4,89,98,903.41	

CERTIFICATE:-

1. The work has been completed satisfactorily.
2. The work spot comes under BBMP Limits.
3. No Debris in Work Spot.
4. All Measurements are recorded in E-MB.

SHIPRA Consulting Engineers Pvt. Ltd. Bangalore

ಸಹಾಯಕ ಅಭಿಯಂತರರು ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Sub total:	24915000.00
GST 18%	4484700.00
Total:	29399700.00
Round off	29399000.00

19599000.00

ಸಹಾಯಕ ಕಾರ್ಯ[illegible] ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-26

	41524415.00
	7474394.70
	48998809.70
	48998000.00